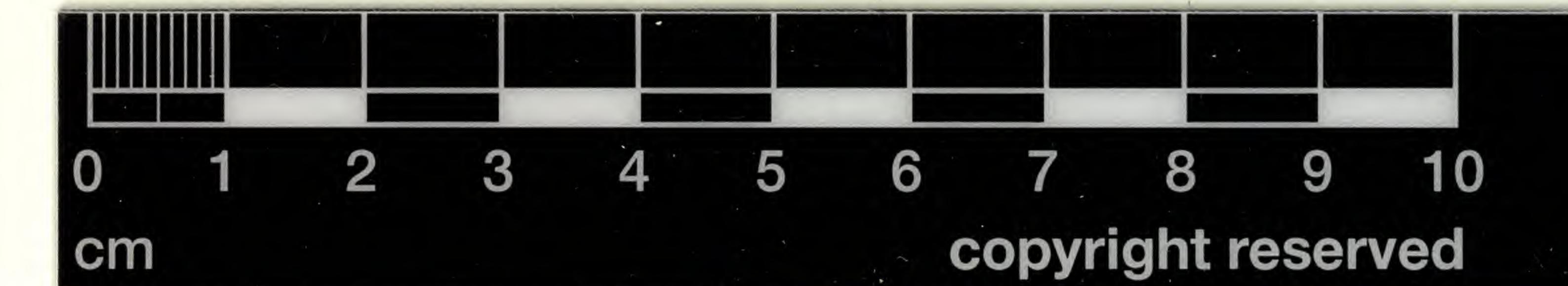


Notes and Sketches. MINGELMAND. XLII. Jungus



MISSOURI BOTANICAL GARDEN

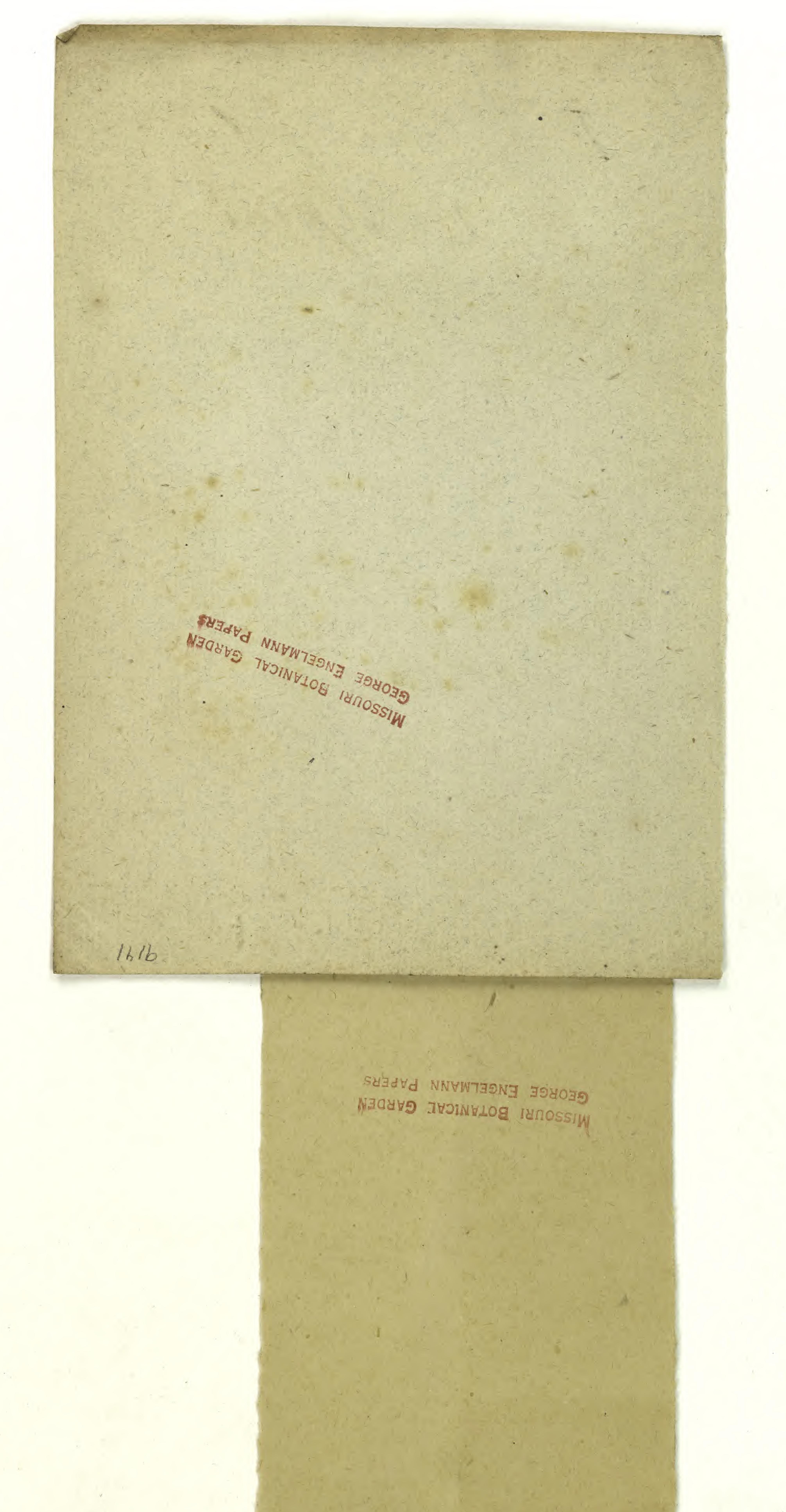


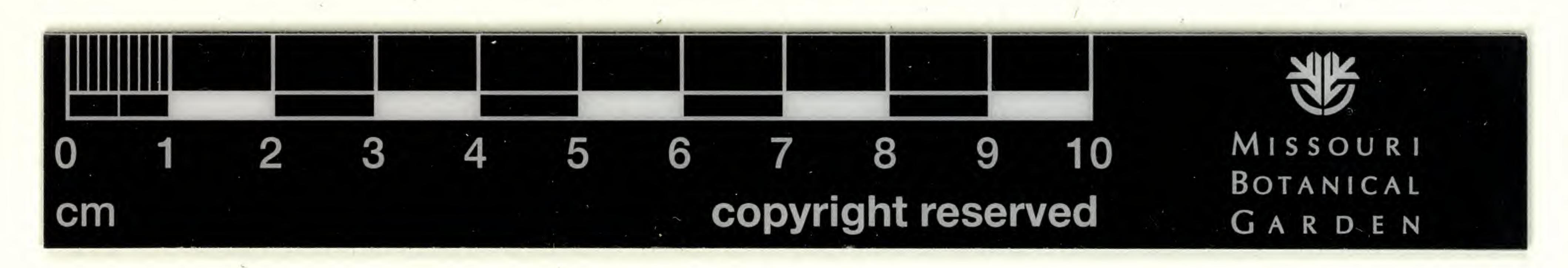
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69.1 57.9 ±6.0 50.1 51.2 57.3 ±2.6 ±1.3 56.4°F. 78.6 77.5
 40.4
 44.8
 58.1
 64.1
 76.9

 30.2
 43.2
 55.0
 69.7
 75.1
 32.2

RELATIVE HUMIDITY.

Mean of Year. 69.8 74.3 Dec. 69.0 NOV. 76.6 Oct. 74.3 Sept. 69.6 Aug. 66.3 Jul. 67.0 Jun. 66.3 May. 61.5 Ap'l. 64.5 Mar. 63.3 Feb. Jan.

at 33. Yearly mean of Positive Electricity of Temperature, and elative Humidity of the Atmosphere, at the hours of 6, 9, 12, and 9, from morning till night, based upon daily observations ese hours through the years 1861 and 1862, at St. Louis, Mo.

ELECTRICITY.

At 9 P. M.	6.9	,,,	54.3		77.3
At 9					
At 6 P. M	8.1		59.3		65.1
At 3 P. M	7.3		63.6		57.2
		URE.		MIDITY.	
At 12 M	9.2	TEMPERATURE	61.6	LIVE HUM	60.3
M.		TE		RELATIVE	
At 9 A.	10.0		54.9		71.3
			9° F.		
At 6 A. M.	8.6		48.9		86.4
21-4	1 2		72		
	186		186		186

205



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Observations of '61 in the Electricity Negative Positive

	Posit	tive icity.	Nega	ative ricity.	No Electric or 0.	ctricity, 0.	Highest Electi	Positivericity.
	1861.	1862.	1861.	1862.	1861.	1862.	1861.	1862.
1	-1	1-	3	2		2	400	400
9	9	9		2			34	33
rch	168	179	15	00			30	48
ril	5	50		22	_	_	33	52
Δ.	1	00		20	-	က	25	32
1e	9	4	20	2	00	20	16	21
ν	00	10	က	8	_	24	14	11
gust	1	4	20	4	9	40	15	19
ot	9	-	7	-	10	61	18	23
	9	4	4	က	20	41	33	35
Λ	1	5	C 7	-	9	16	42	42
Dec	-	9	2	0	9	17	37	35
	2046	1883	78	67	59	225	420	520

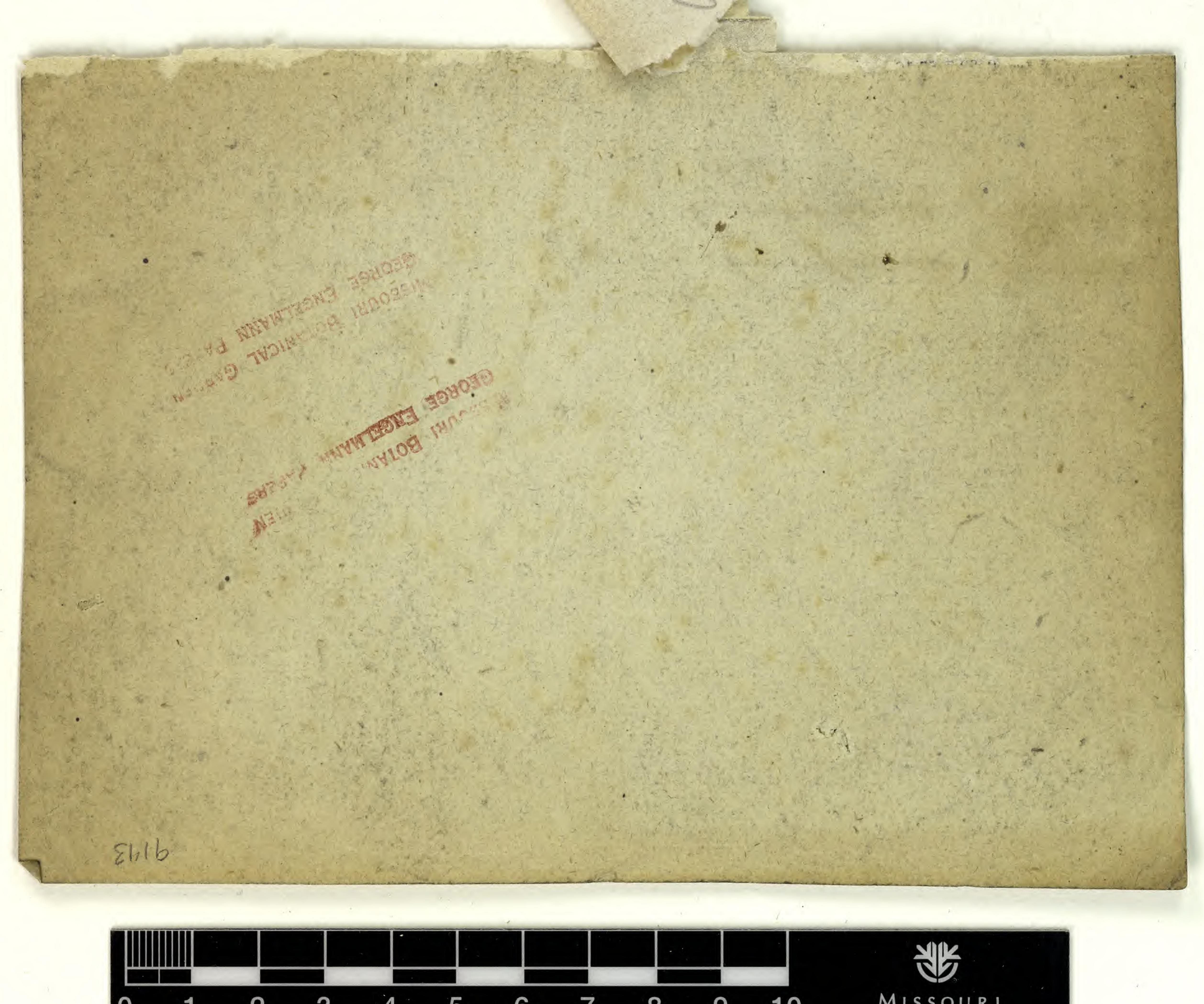
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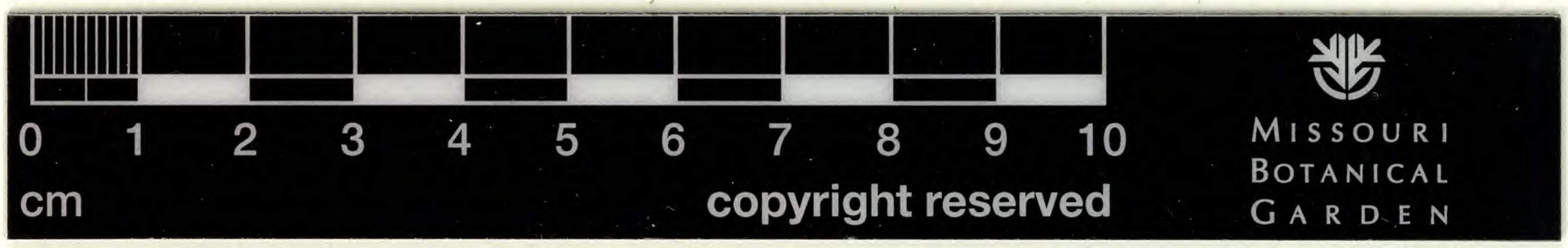
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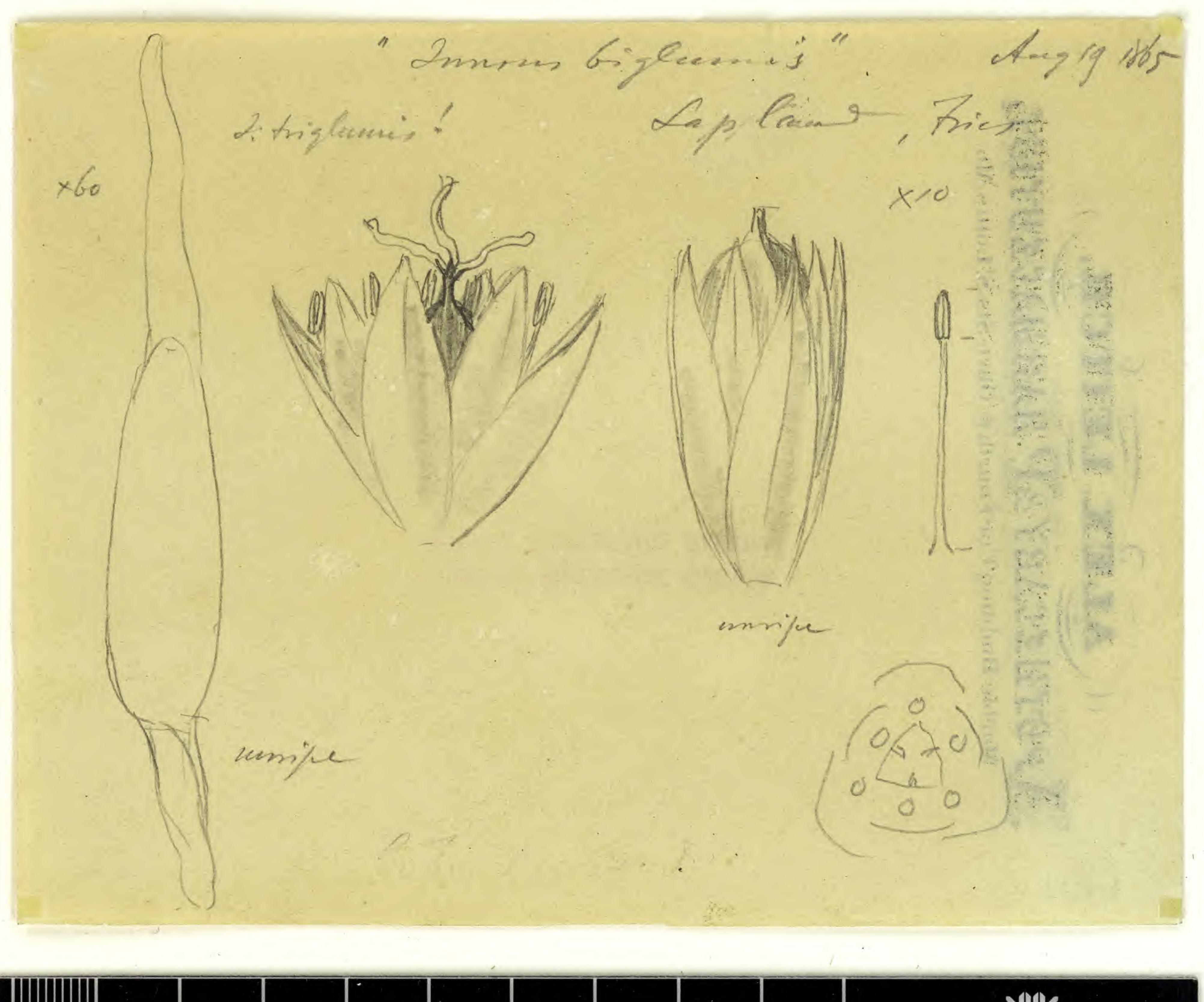
In Lurfoais prope given (928)

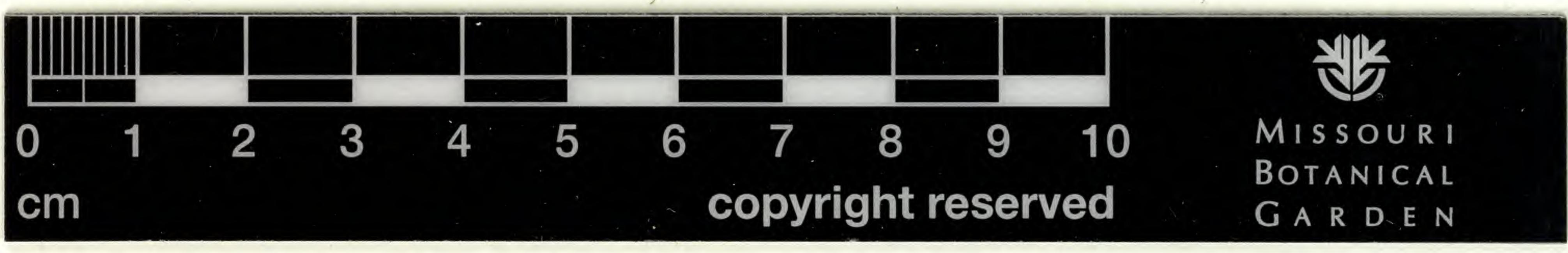
Crieske, su Dannie (929)

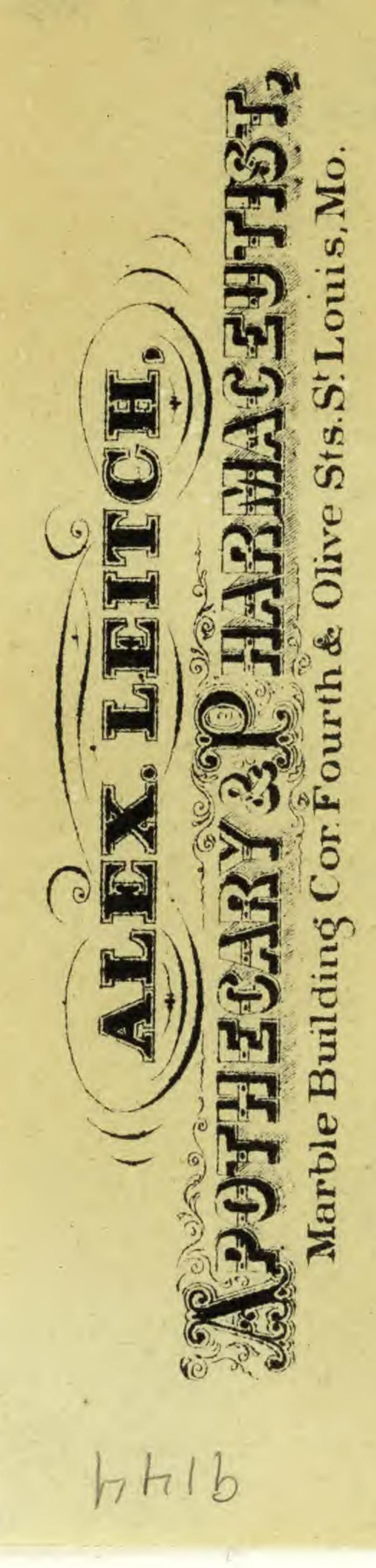
87826. MISSOURI BOTANICAL copyright reserved cm GARDEN



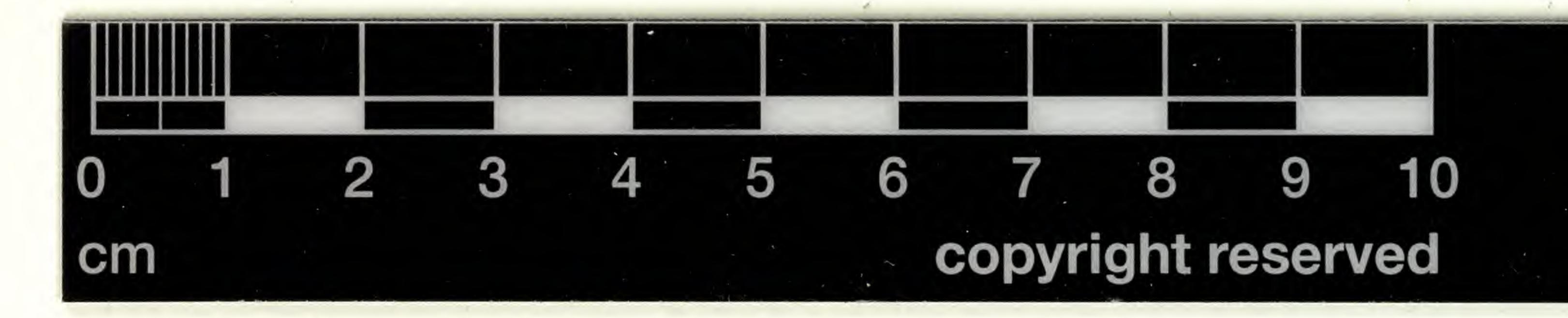




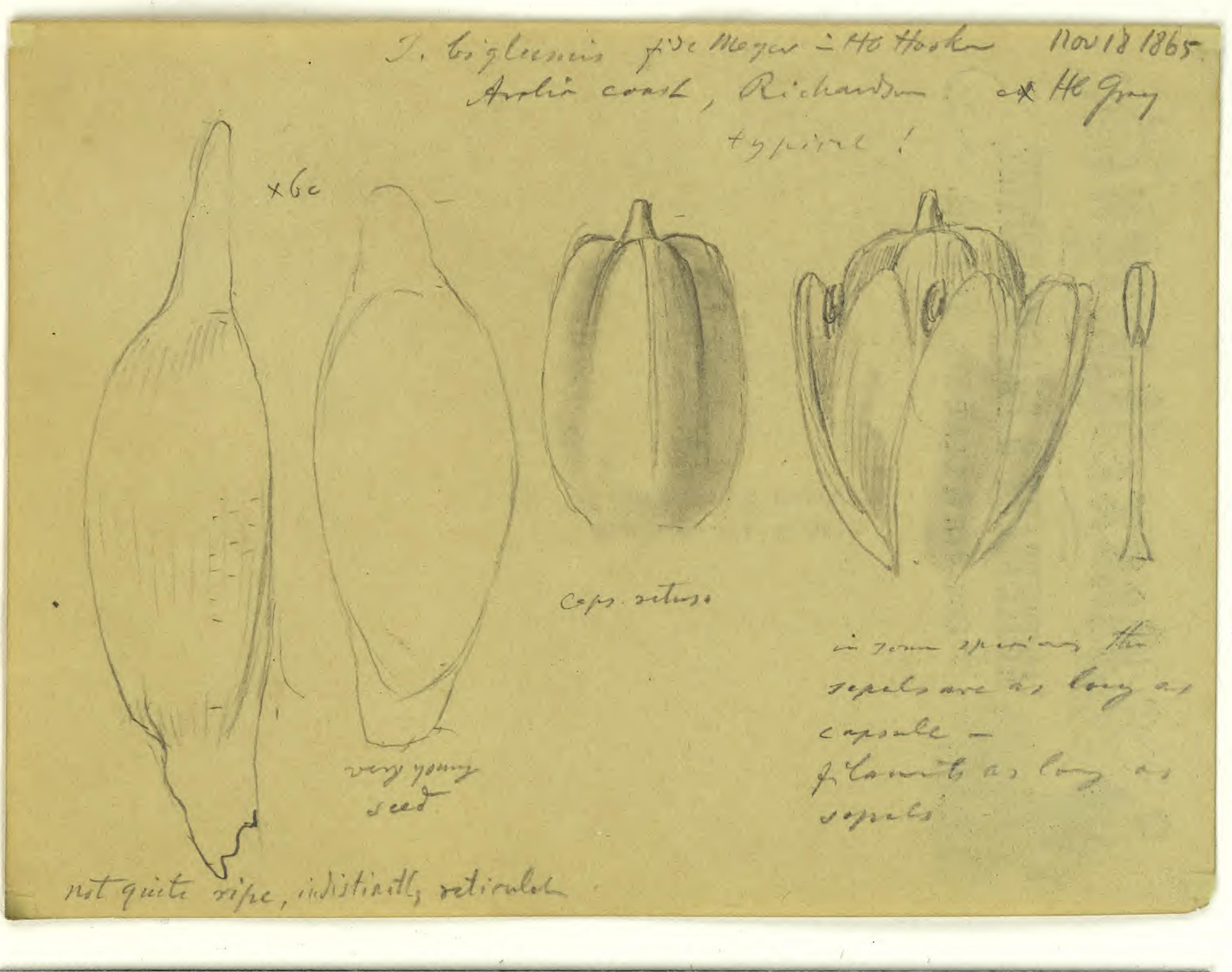




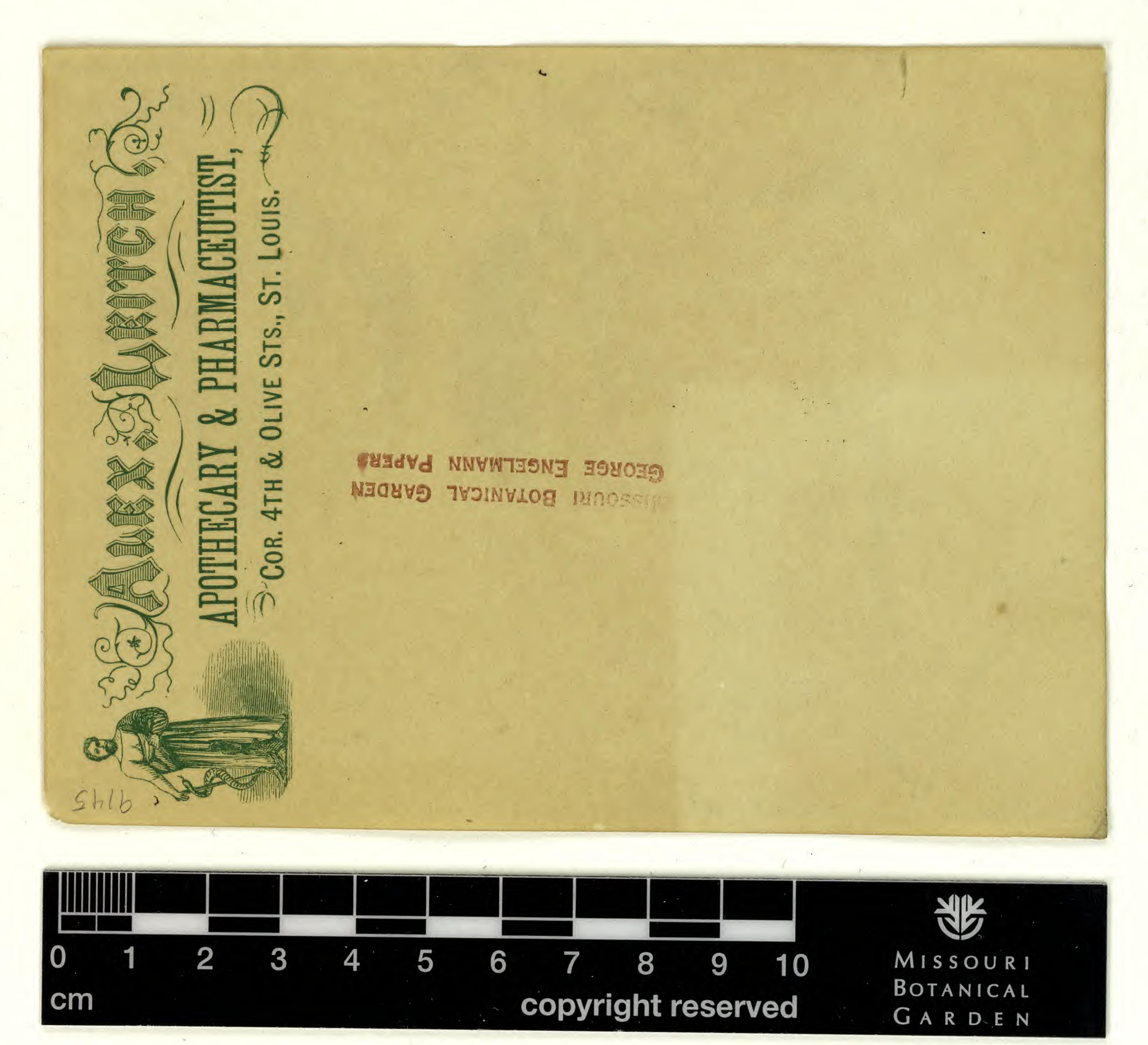
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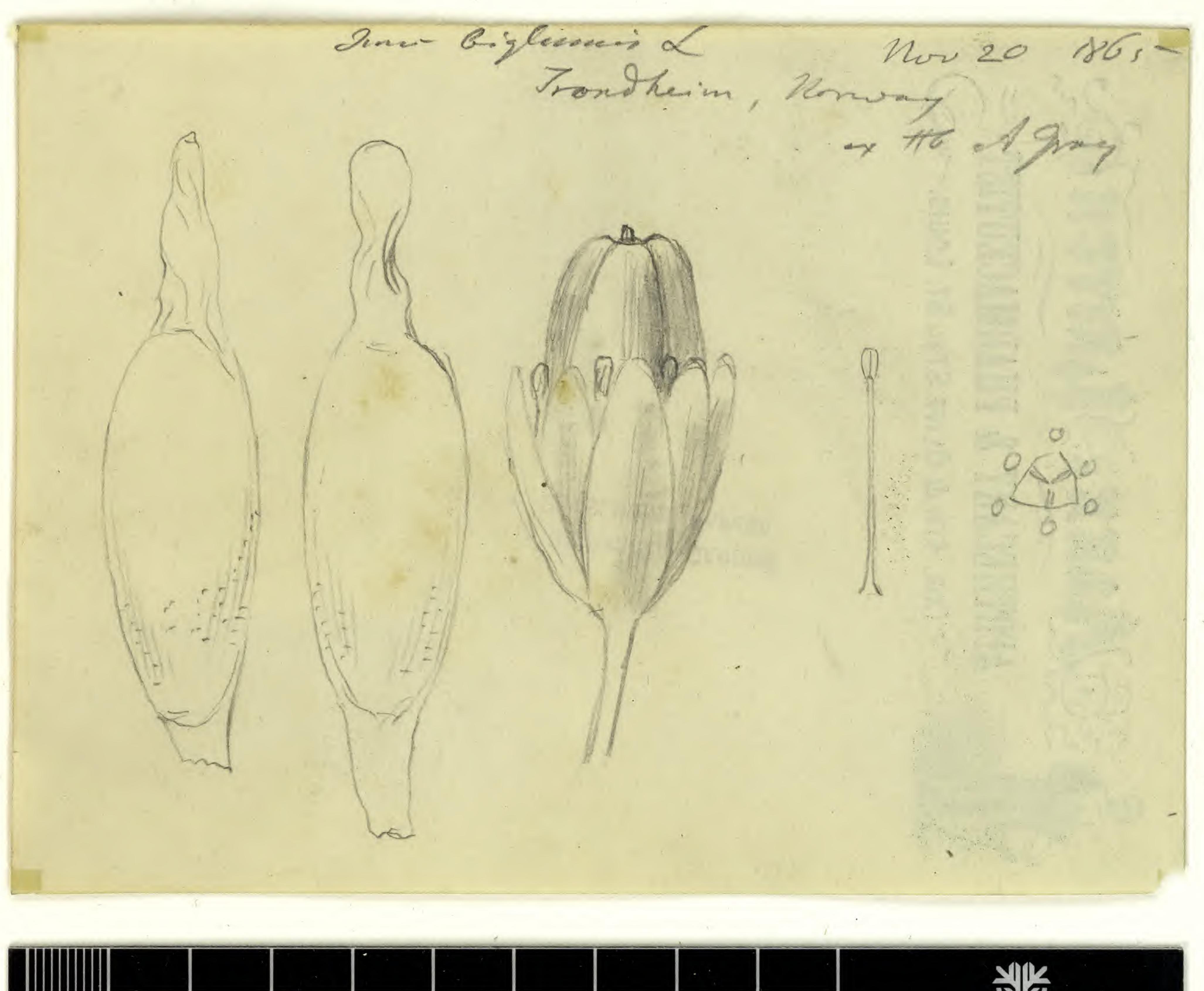








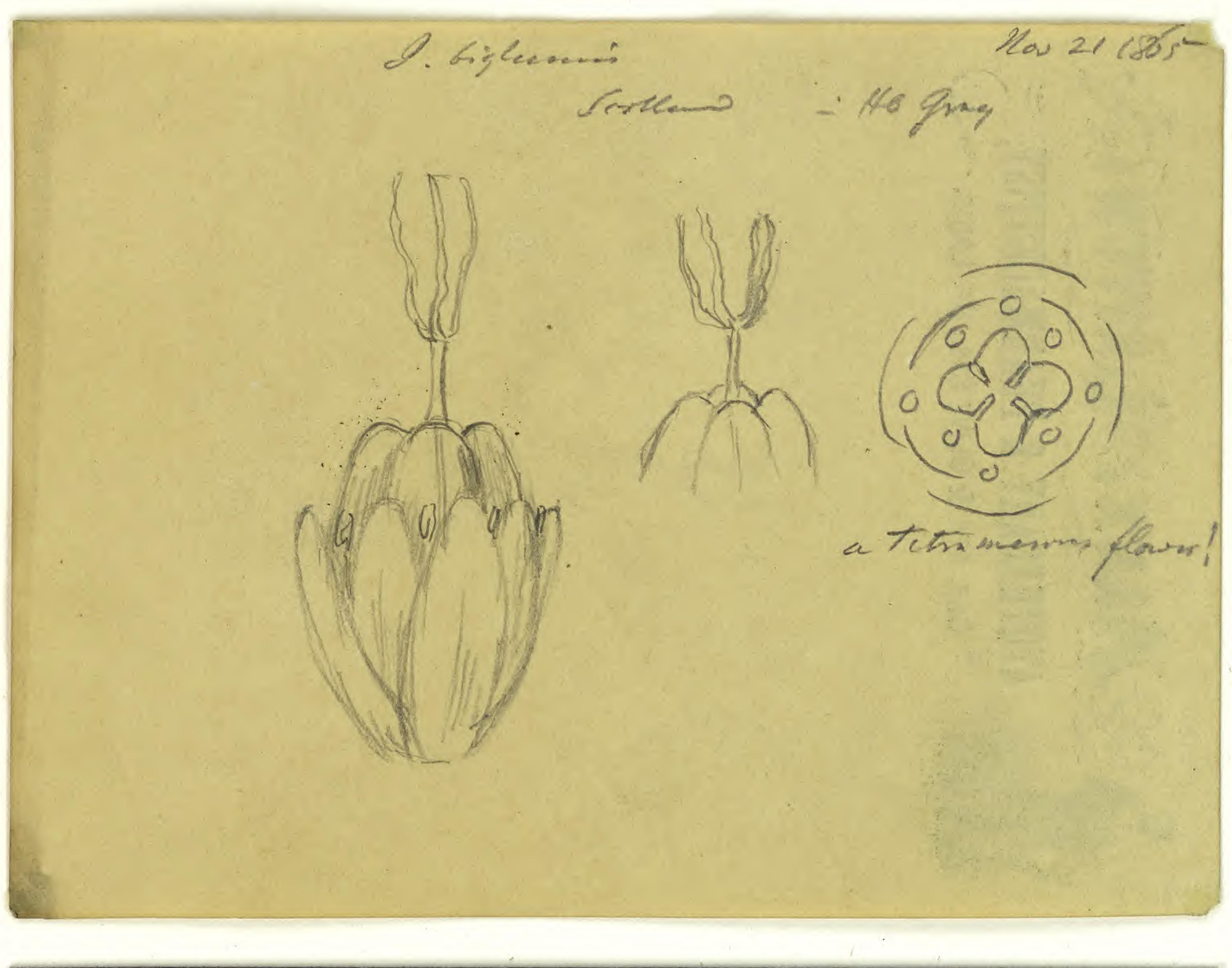


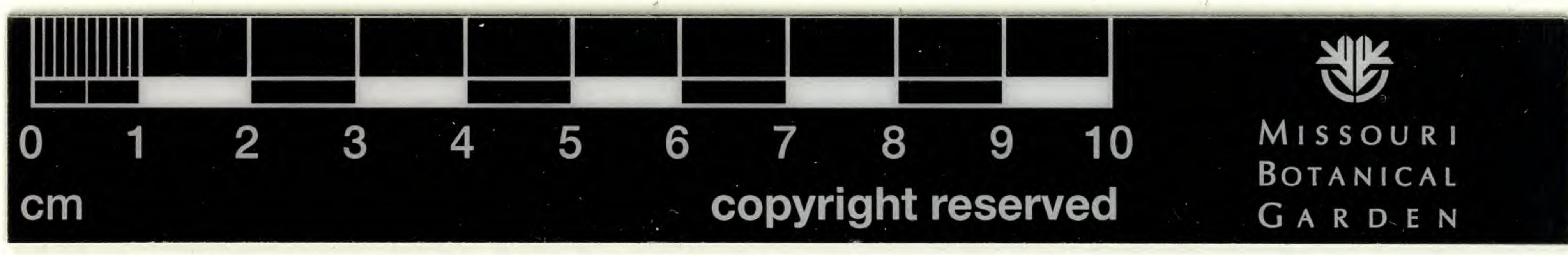


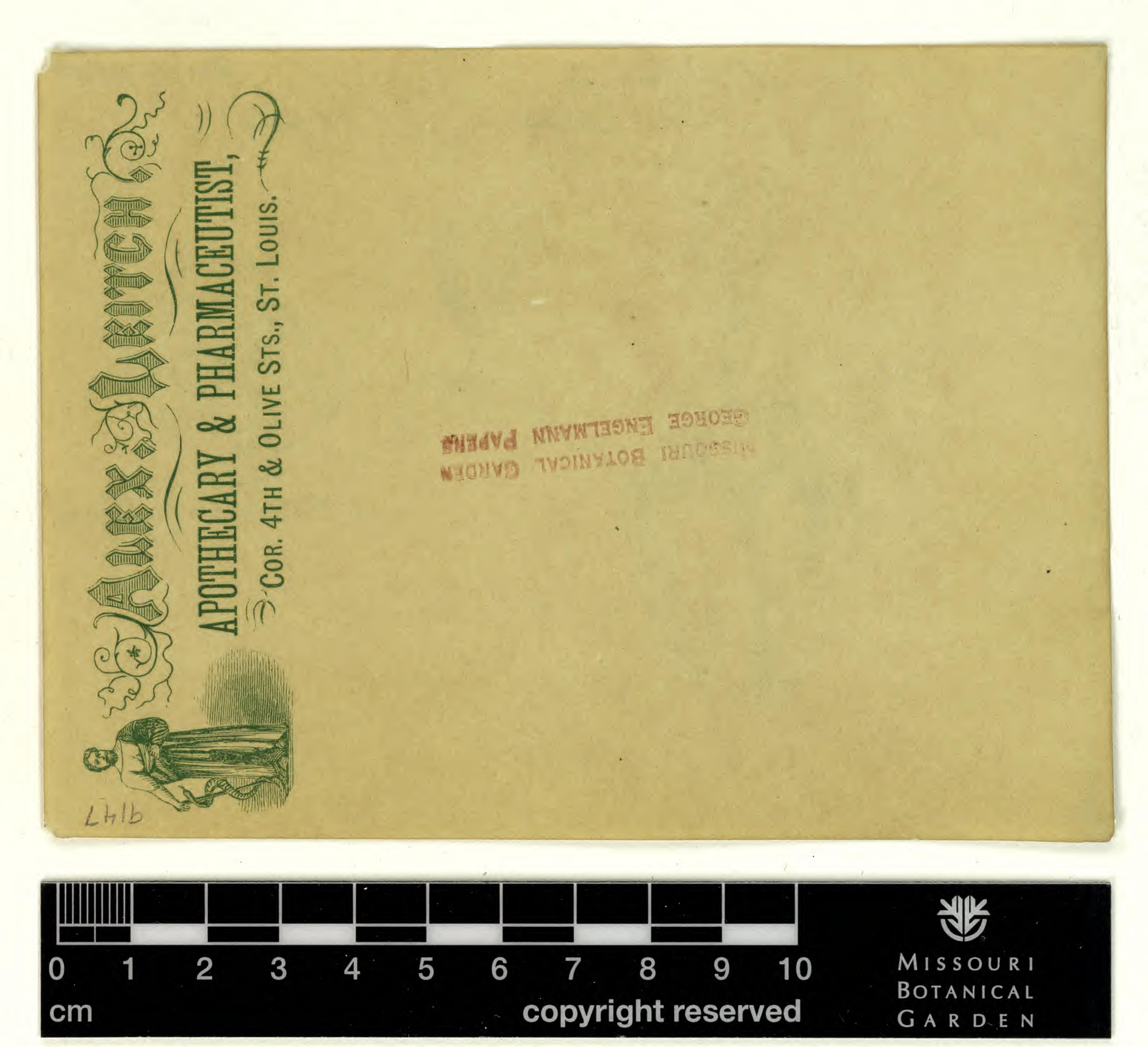




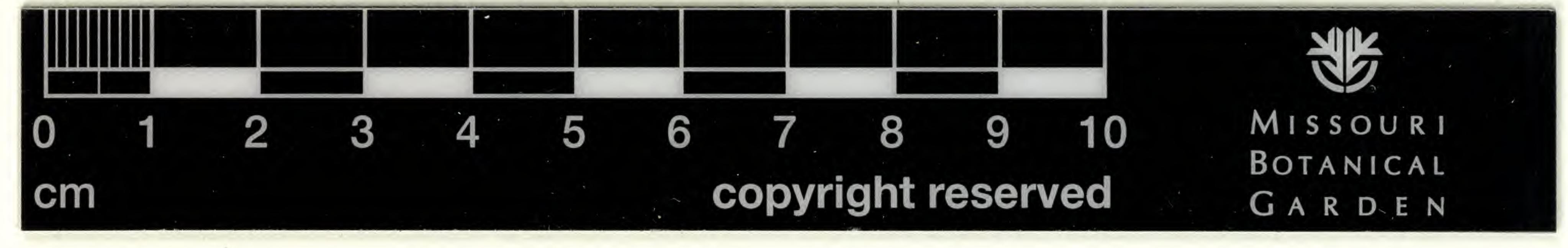








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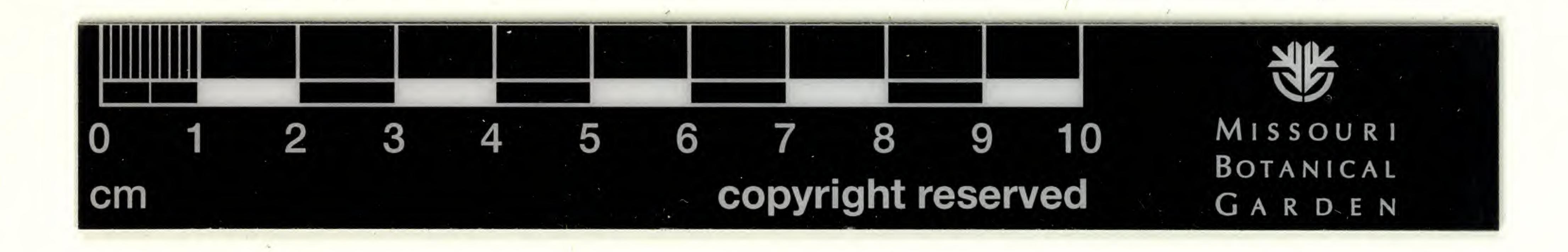
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Marble Building, Cor. Fourth and Olive Streets,

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GEORGE ENGELMANN PAPERS

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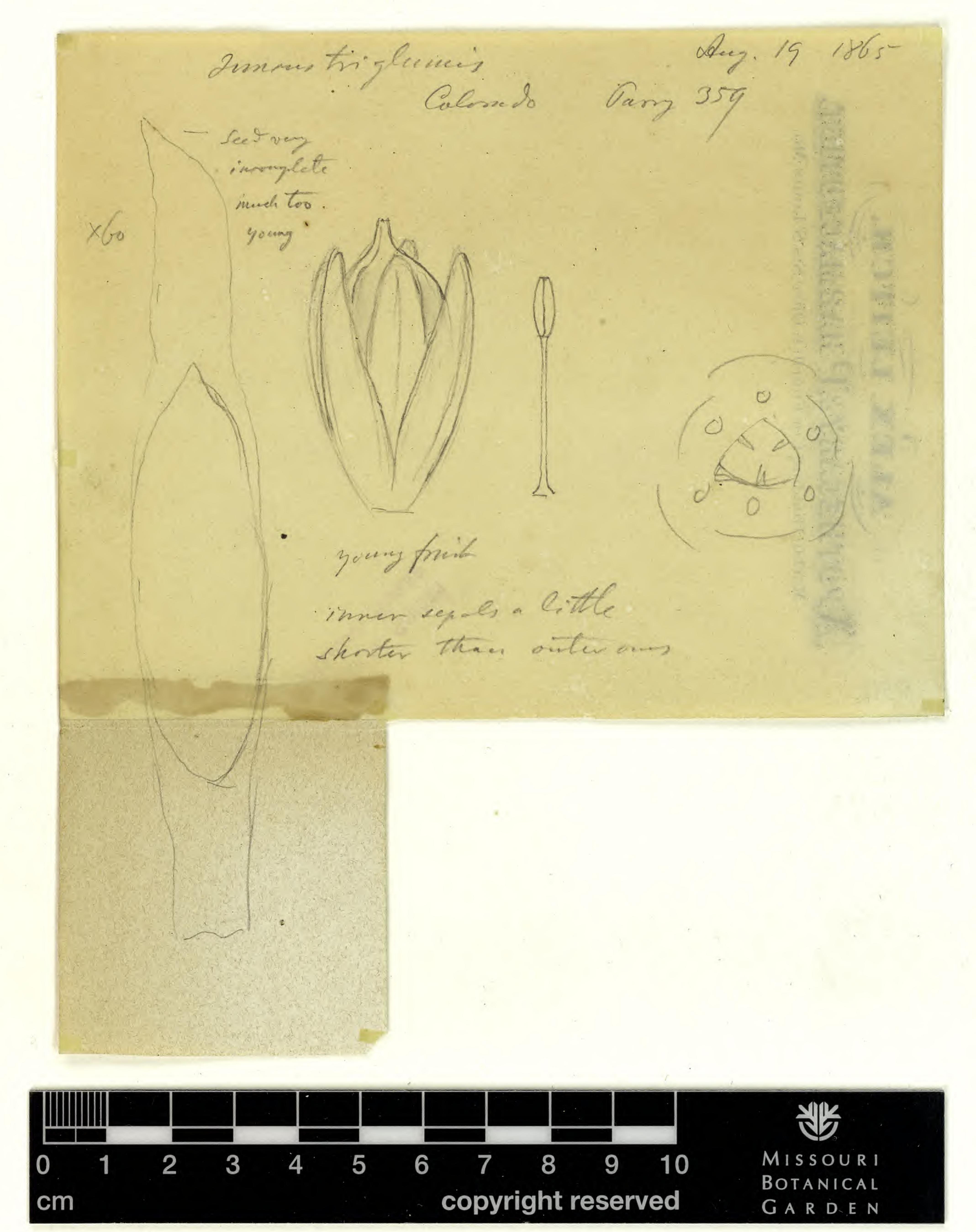
GARDEN

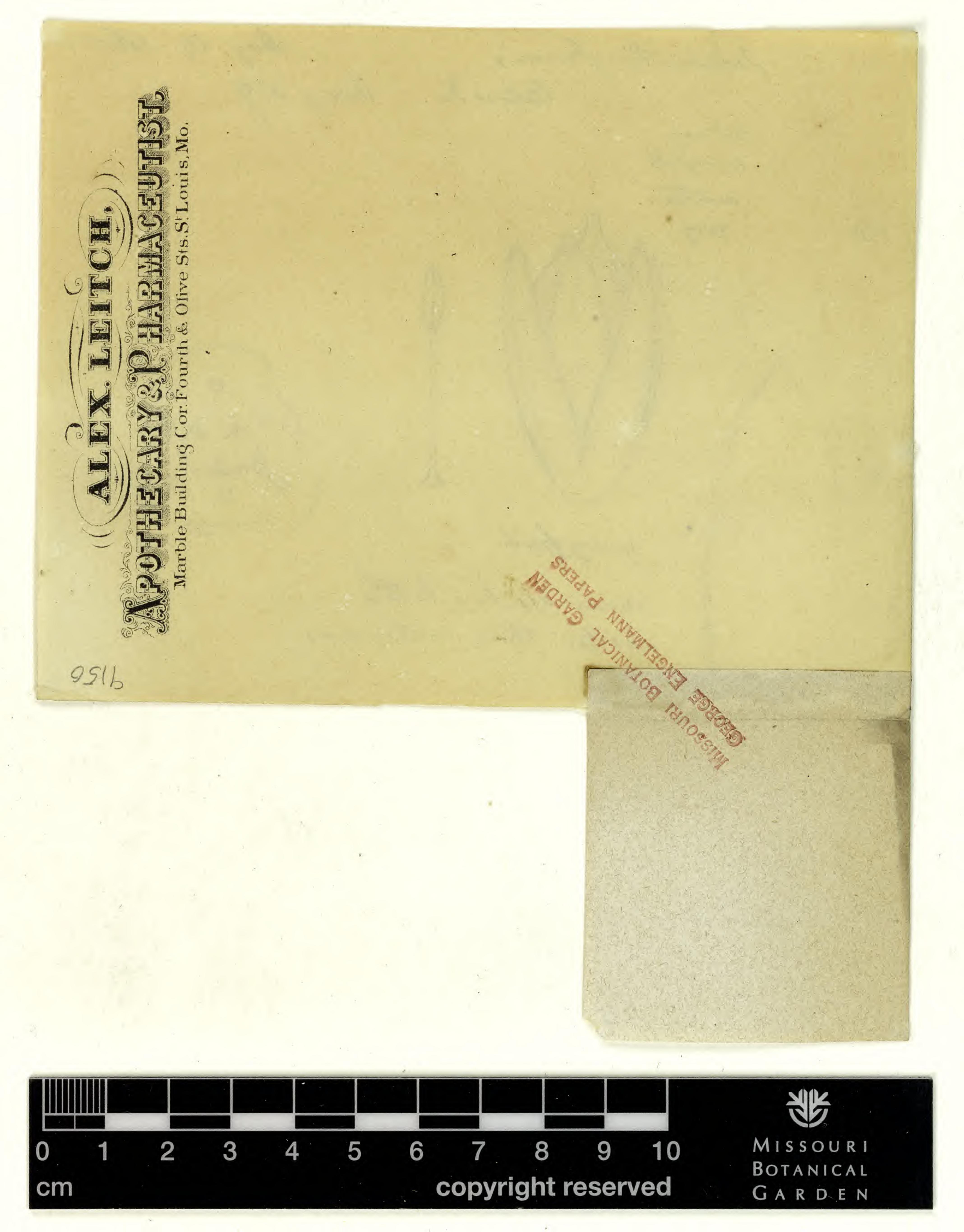
crystals, which are now deposited in the collection of the Smithsonian Institute; a few others are also in the hands of members of the party. We were travelling at the time by forced night marches with nearly worn out animals, seeking to gain a spring of water in a distant range of mountains. This desert was then entirely unexplored. I have but little doubt that more interesting materials are to be found at the

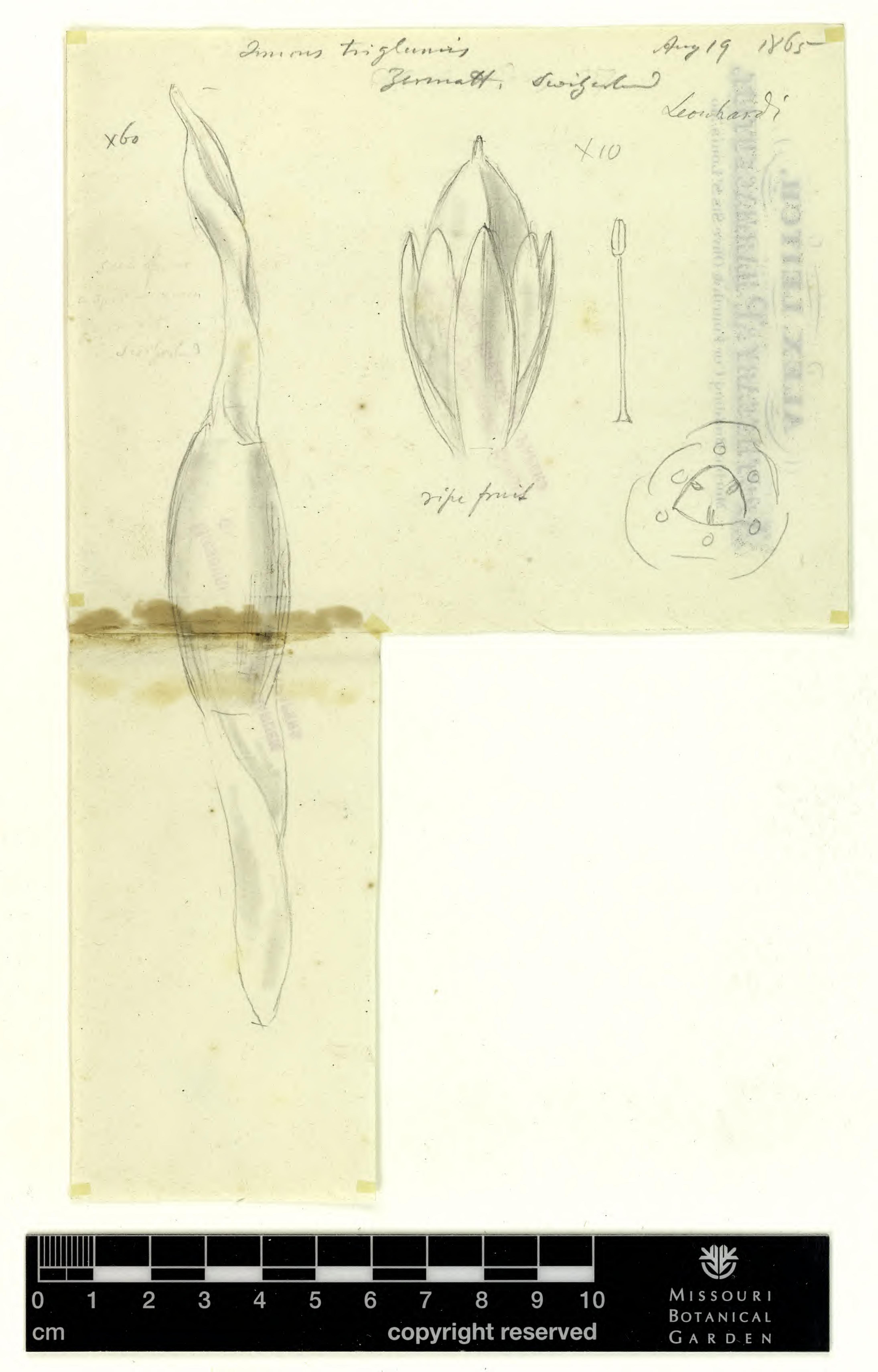
The mountains of the former Territory of Utah promise a rich yield to the mineralogist. We know already of gold and silver ores in the east, west and south part of that district; of copper and lead ores in the south, and I have discovered the latter also in the centre of it; of specular iron ores and native sulphur in the Rocky Mountains and near Little Salt Lake; of rock salt in the mountains south-east of Utah Lake; of native alum near Salt Lake; of various other salts in the deserts; and of silicates, composing the granites, porphyries, diorites, trachytes, and lavas, nearly over the whole area.

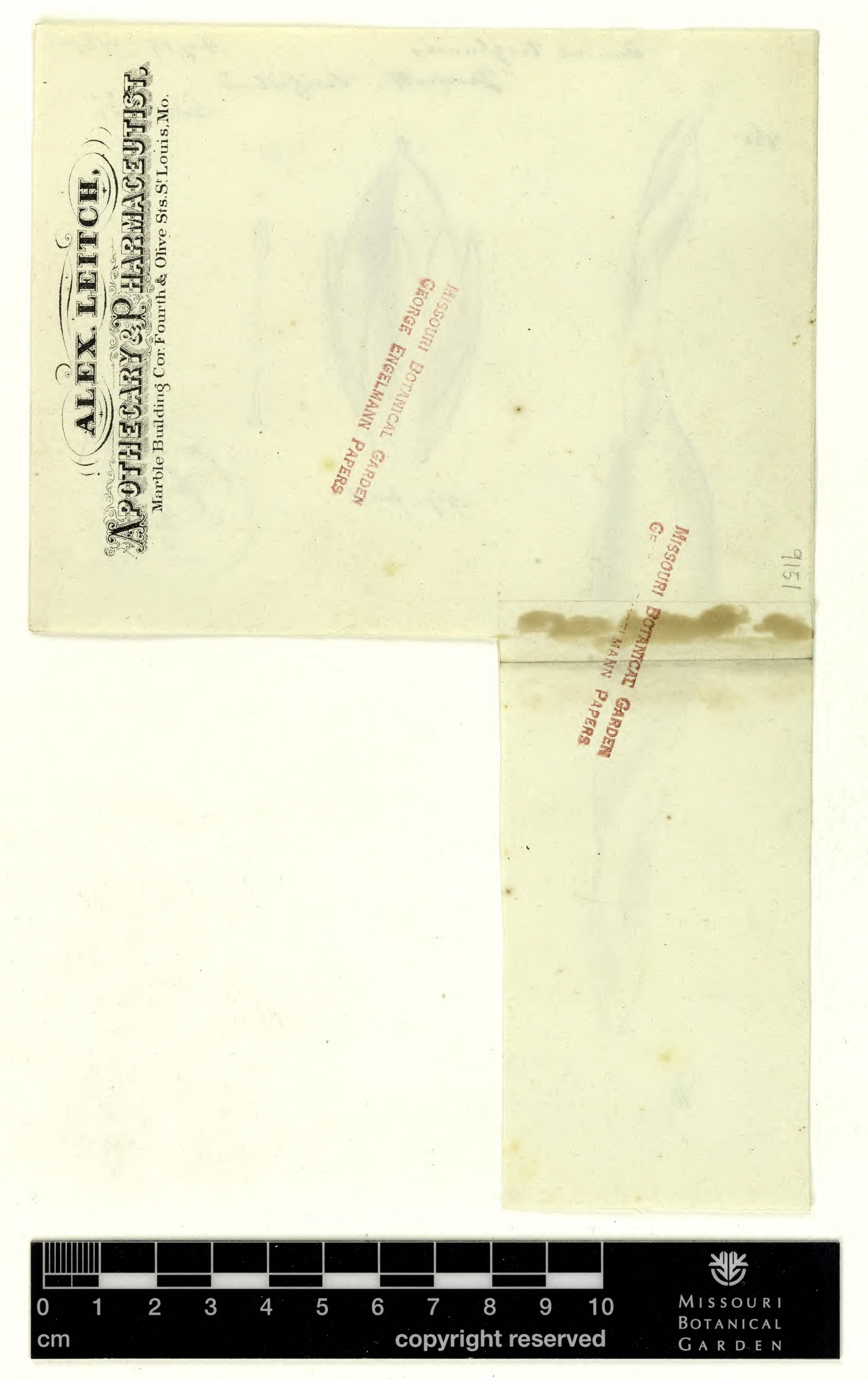


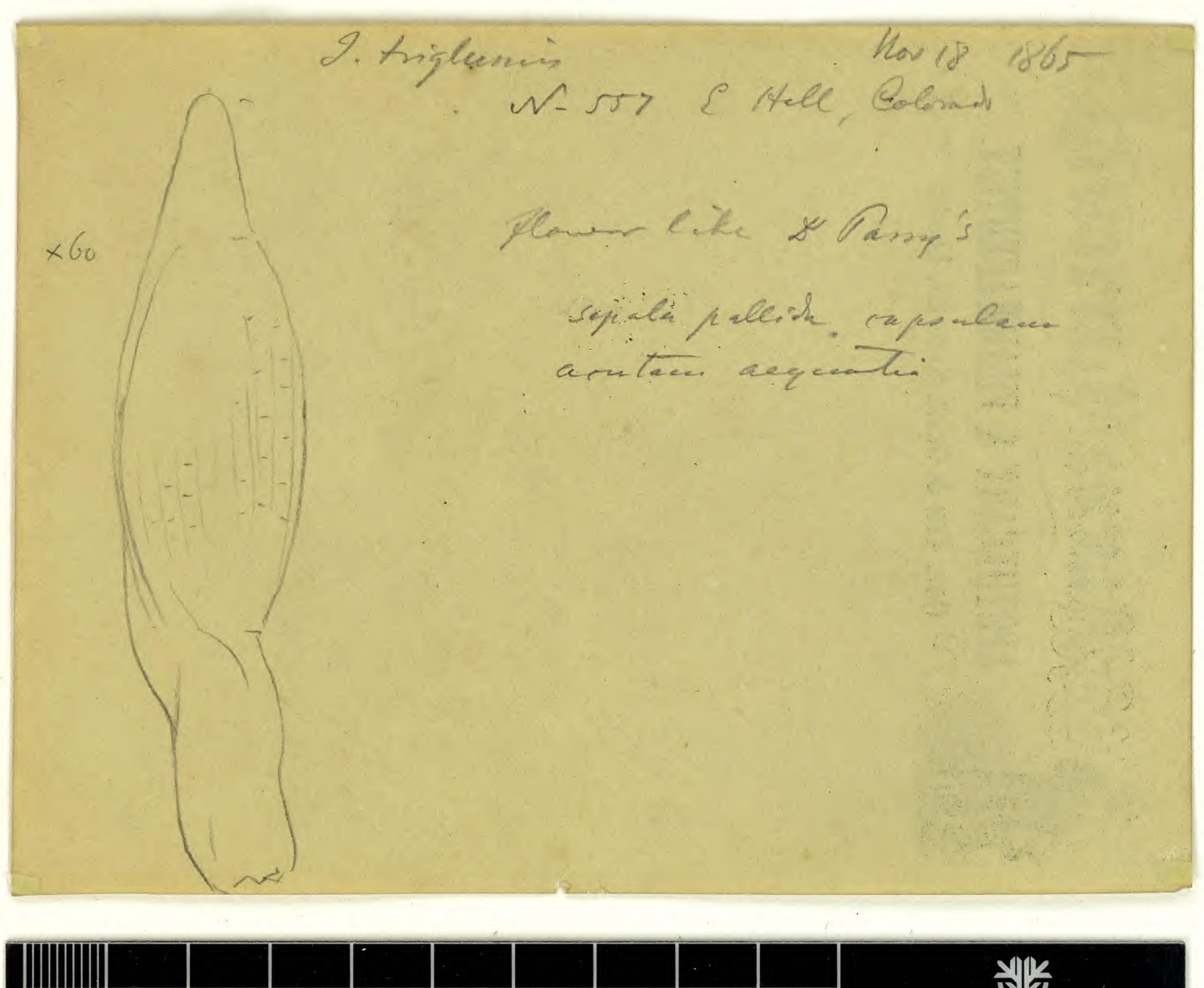
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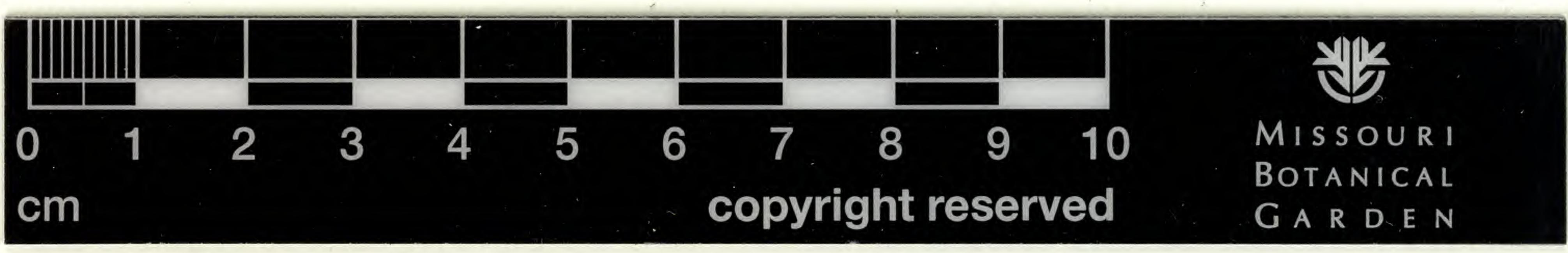


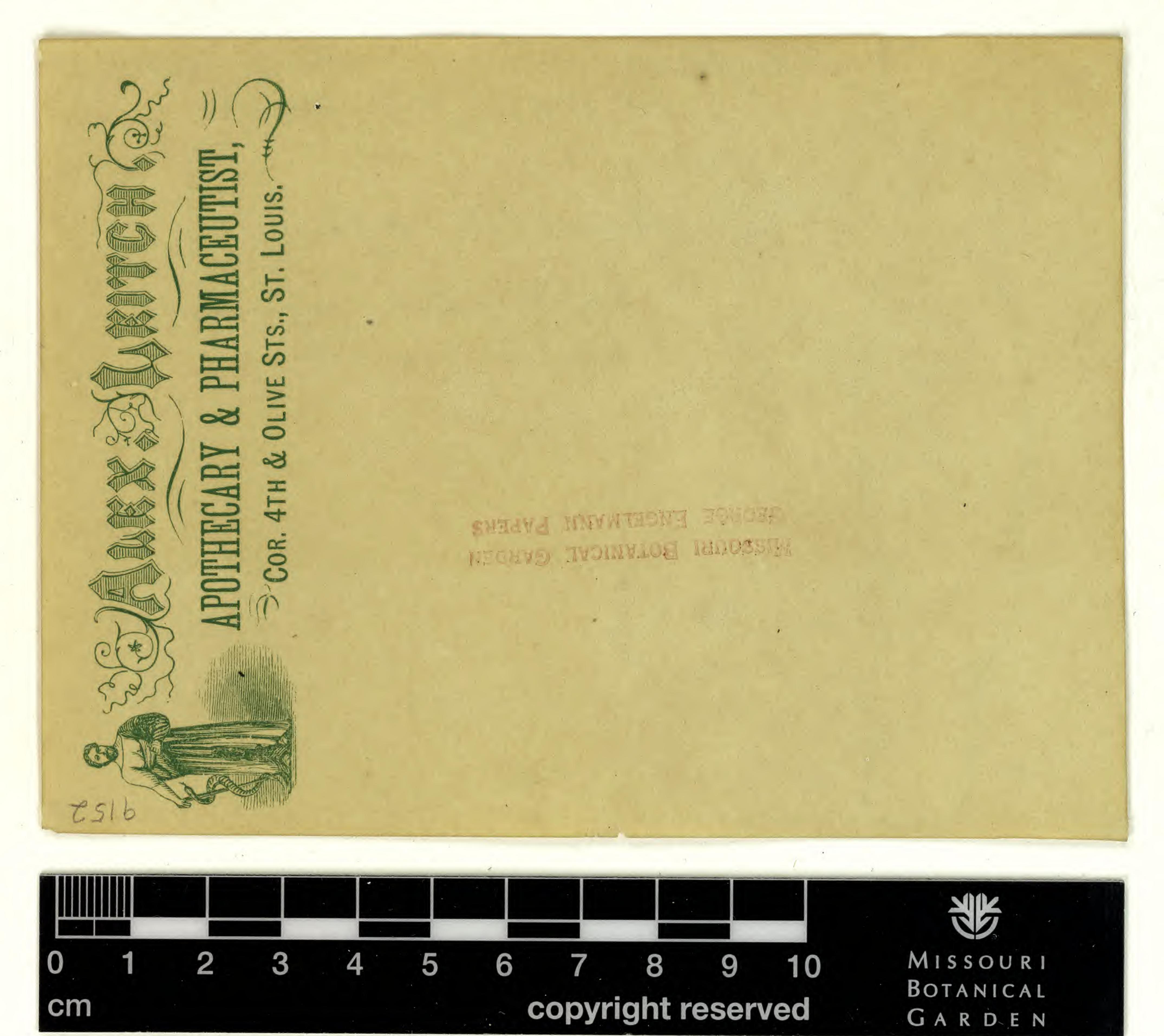


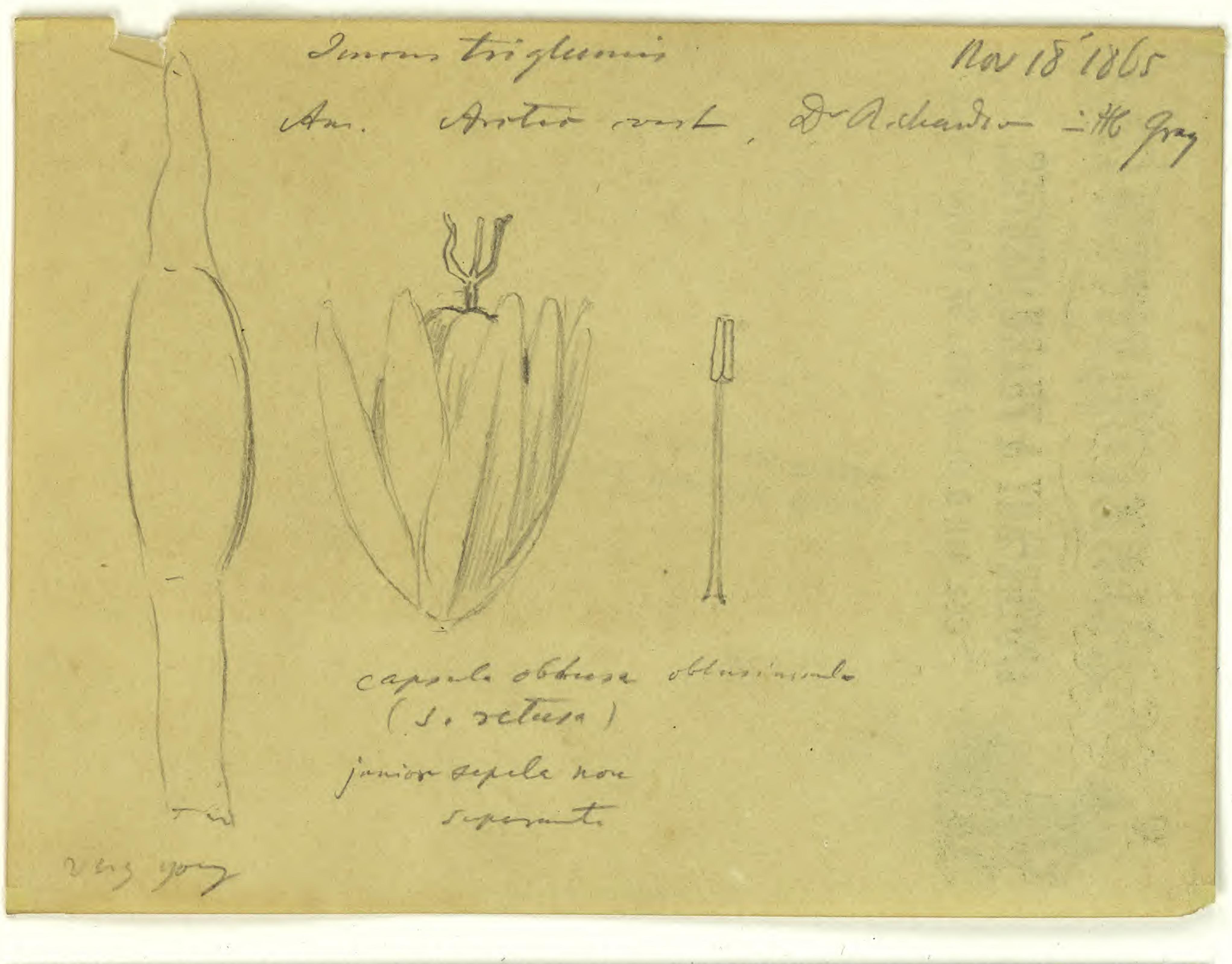


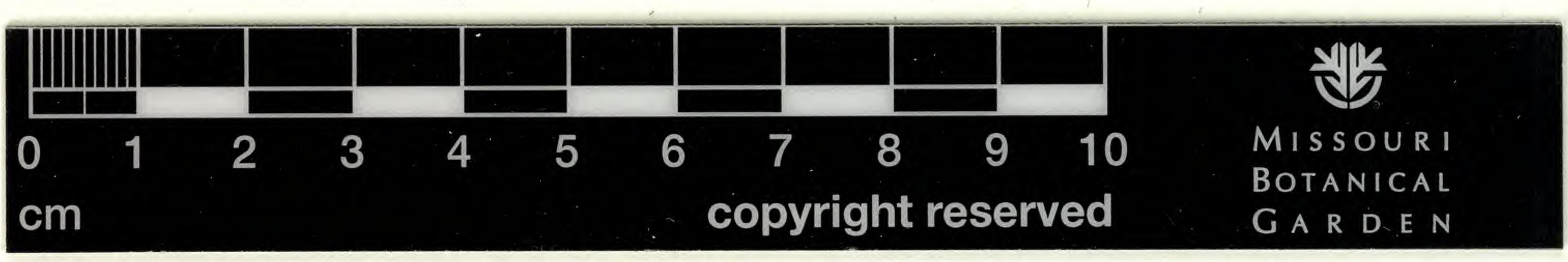


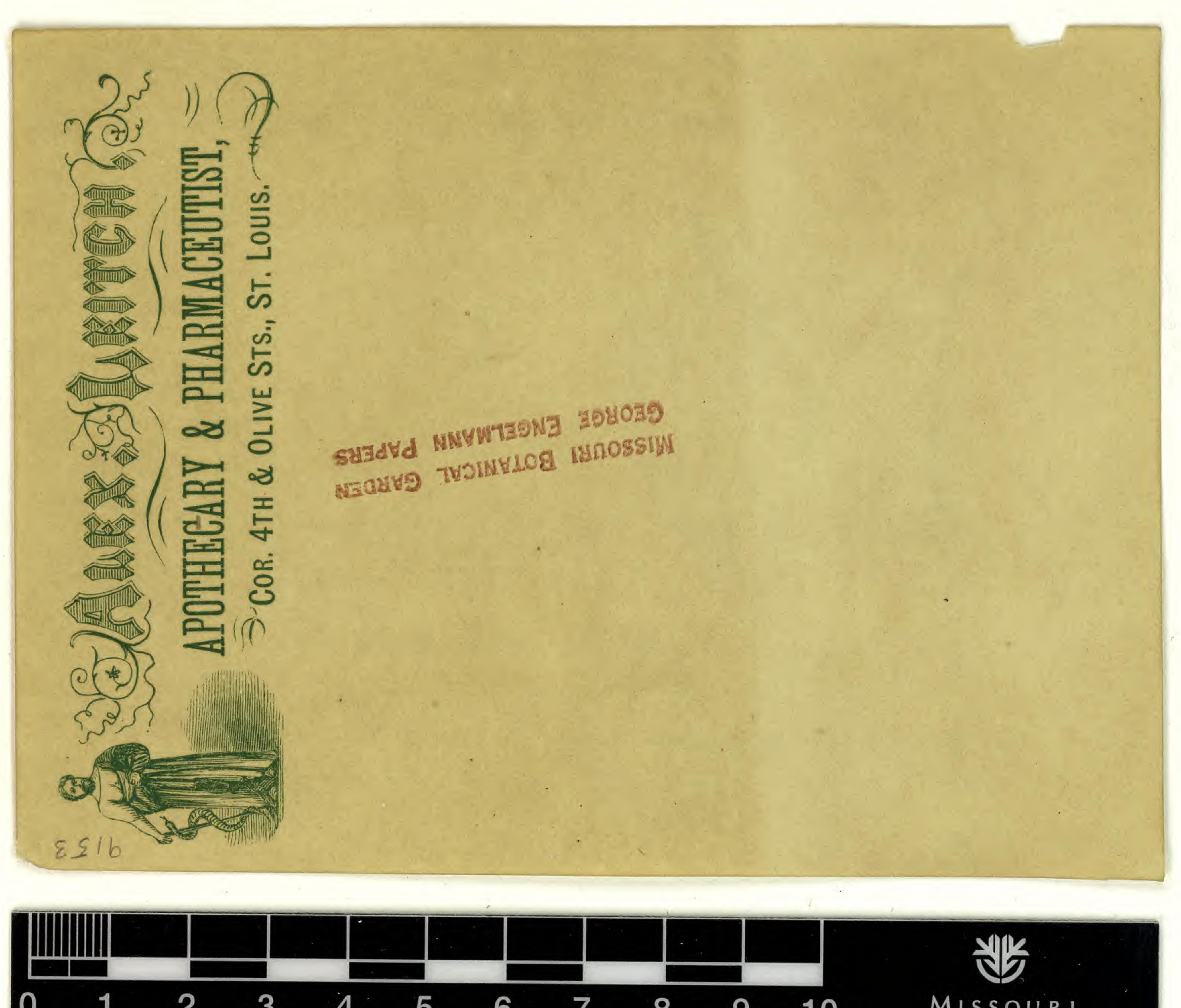






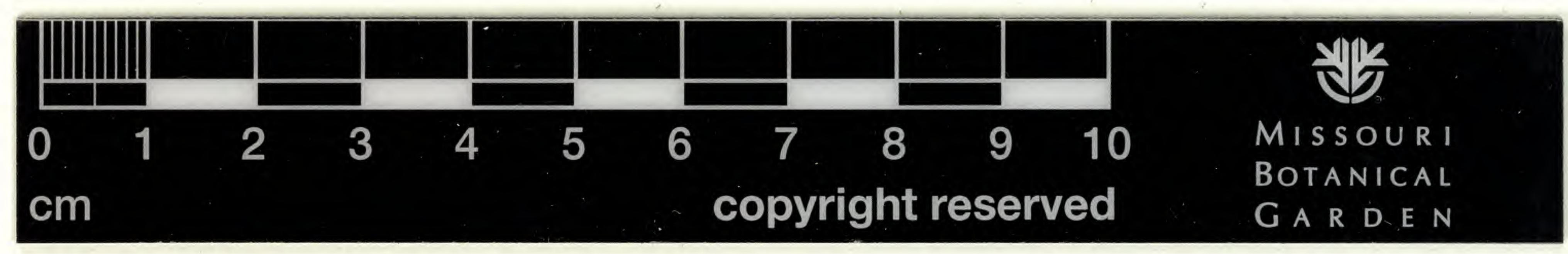








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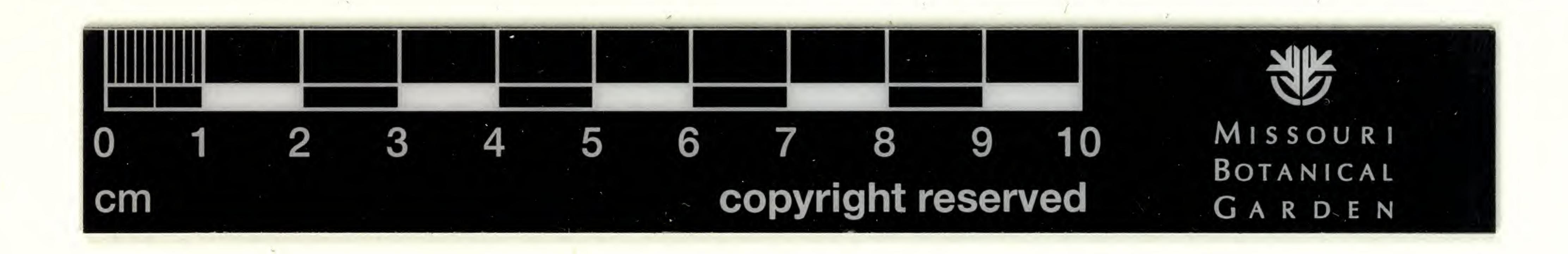
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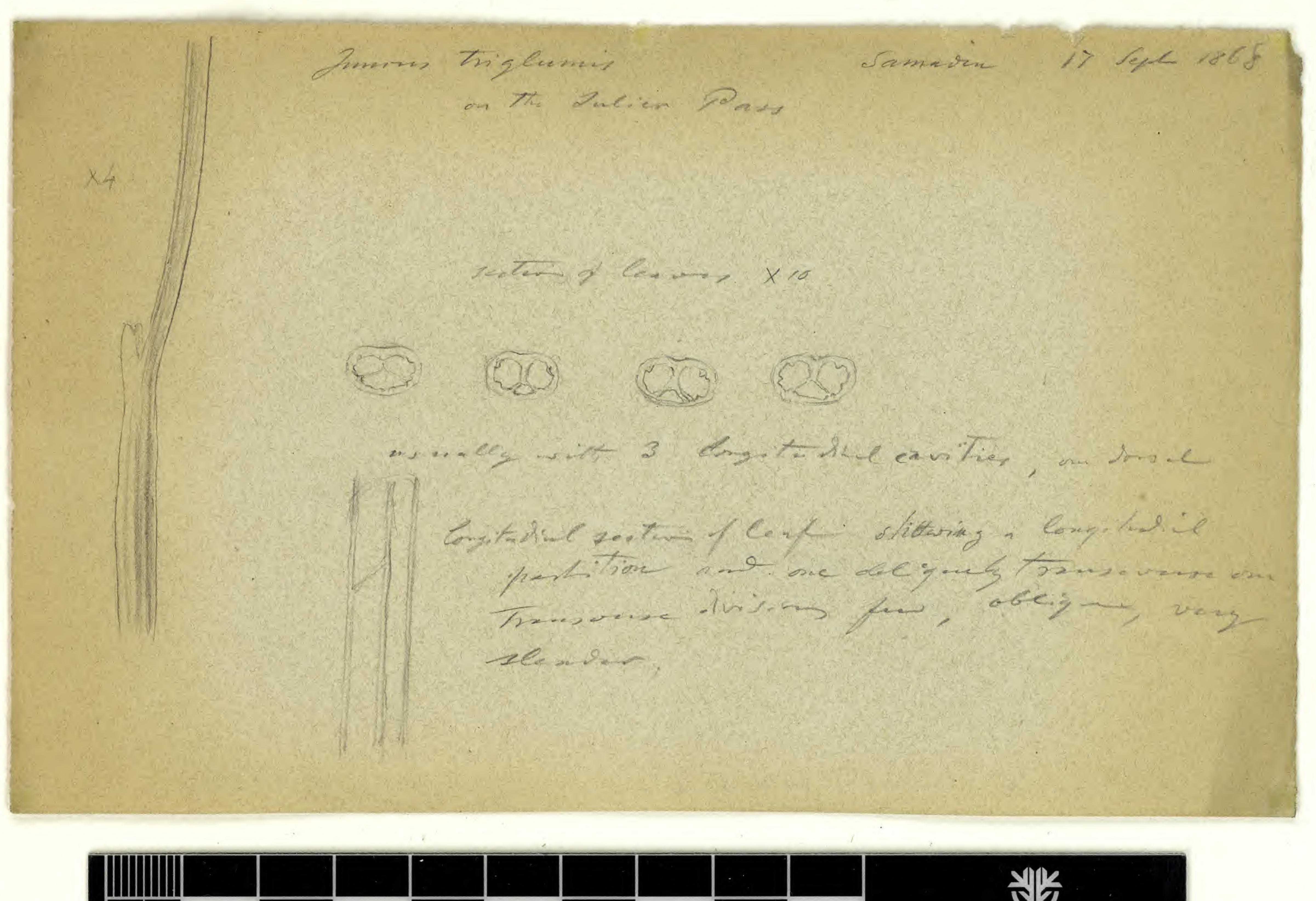
Marble Building, Cor. Fourth and Olive Streets,

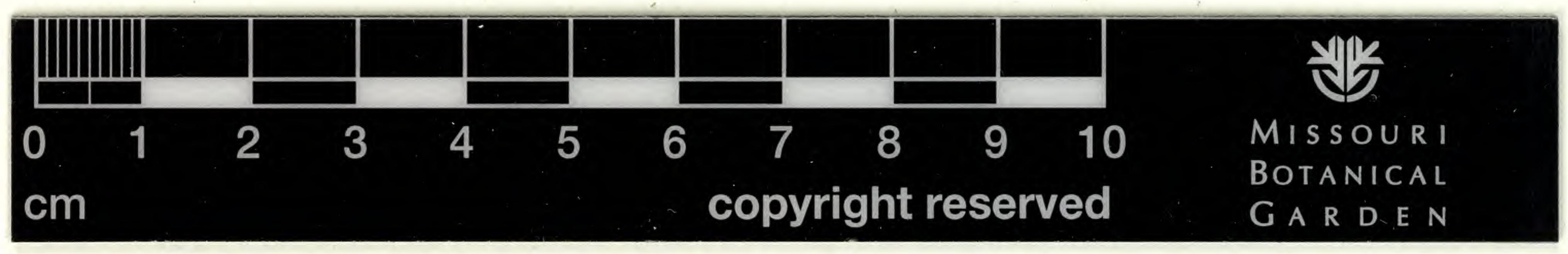
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